

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/762,836
Source: 1FW/6
Date Processed by STIC: 4/5/07

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 04/05/2007

PATENT APPLICATION: US/10/762,836

TIME: 09:55:14

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\04052007\J762836.raw

4 <110> APPLICANT: Riss, Terry L.
 5 Niles, Andrew
 6 Moravec, Richard A.
 7 Promega Corporation
 9 <120> TITLE OF INVENTION: LUMINOGENIC AND NONLUMINOGENIC MULTIPLEX
 10 ASSAY
 12 <130> FILE REFERENCE: 341.029US1
 14 <140> CURRENT APPLICATION NUMBER: 10/762,836
 15 <141> CURRENT FILING DATE: 2004-01-22
 17 <160> NUMBER OF SEQ ID NOS: 24
 19 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 5
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Artificial Sequence
 26 <220> FEATURE:
 27 <223> OTHER INFORMATION: A synthetic peptide
 29 <220> FEATURE:
 30 <221> NAME/KEY: SITE
 31 <222> LOCATION: 1
 32 <223> OTHER INFORMATION: Xaa = Trp or Leu
 34 <220> FEATURE:
 35 <221> NAME/KEY: SITE
 36 <222> LOCATION: 5
 37 <223> OTHER INFORMATION: Xaa = any amino acid
 39 <400> SEQUENCE: 1
 W--> 40 Xaa Glu His Asp Xaa
 41 1 5
 43 <210> SEQ ID NO: 2
 44 <211> LENGTH: 5
 45 <212> TYPE: PRT
 46 <213> ORGANISM: Artificial Sequence
 48 <220> FEATURE:
 49 <223> OTHER INFORMATION: A synthetic peptide
 51 <220> FEATURE:
 52 <221> NAME/KEY: SITE
 53 <222> LOCATION: 3, 5
 54 <223> OTHER INFORMATION: Xaa = any amino acid
 56 <400> SEQUENCE: 2
 W--> 57 Asp Glu Xaa Asp Xaa
 58 1 5
 60 <210> SEQ ID NO: 3
 61 <211> LENGTH: 5

see p.6

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62 <212> TYPE: PRT
63 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:
66 <223> OTHER INFORMATION: A synthetic peptide
68 <220> FEATURE:
69 <221> NAME/KEY: SITE
70 <222> LOCATION: 1
71 <223> OTHER INFORMATION: Xaa = Leu or Val
73 <220> FEATURE:
74 <221> NAME/KEY: SITE
75 <222> LOCATION: 3, 5
76 <223> OTHER INFORMATION: Xaa = any amino acid
78 <400> SEQUENCE: 3
W--> 79 Xaa Glu Xaa Asp Xaa
80 1 5
82 <210> SEQ ID NO: 4
83 <211> LENGTH: 5
84 <212> TYPE: PRT
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: A synthetic peptide
90 <220> FEATURE:
91 <221> NAME/KEY: SITE
92 <222> LOCATION: 5
93 <223> OTHER INFORMATION: Xaa = any amino acid
95 <400> SEQUENCE: 4
W--> 96 Ile Glu Gly Arg Xaa
97 1 5
99 <210> SEQ ID NO: 5
100 <211> LENGTH: 7
101 <212> TYPE: PRT
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: A synthetic peptide
107 <220> FEATURE:
108 <221> NAME/KEY: SITE
109 <222> LOCATION: 3, 5
110 <223> OTHER INFORMATION: Xaa = any amino acid
112 <220> FEATURE:
113 <221> NAME/KEY: SITE
114 <222> LOCATION: 7
115 <223> OTHER INFORMATION: Xaa = Ser or Gly
117 <400> SEQUENCE: 5
W--> 118 Glu Asn Xaa Tyr Xaa Gln Xaa
119 1 5
121 <210> SEQ ID NO: 6
122 <211> LENGTH: 5
123 <212> TYPE: PRT
124 <213> ORGANISM: Artificial Sequence

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126 <220> FEATURE:
127 <223> OTHER INFORMATION: A synthetic peptide
129 <220> FEATURE:
130 <221> NAME/KEY: SITE
131 <222> LOCATION: 5
132 <223> OTHER INFORMATION: Xaa = any amino acid
134 <400> SEQUENCE: 6
W--> 135 Pro Arg Asn Lys Xaa
136 1 5
138 <210> SEQ ID NO: 7
139 <211> LENGTH: 14
140 <212> TYPE: PRT
141 <213> ORGANISM: Artificial Sequence
143 <220> FEATURE:
144 <223> OTHER INFORMATION: A synthetic peptide
146 <220> FEATURE:
147 <221> NAME/KEY: SITE
148 <222> LOCATION: 6
149 <223> OTHER INFORMATION: Xaa = Lys or Asn
151 <220> FEATURE:
152 <221> NAME/KEY: SITE
153 <222> LOCATION: 7
154 <223> OTHER INFORMATION: Xaa = Met or Leu
156 <400> SEQUENCE: 7
W--> 157 Glu Ile Ser Glu Val Xaa Xaa Asp Ala Glu Phe Arg His Asp
158 1 5 10
160 <210> SEQ ID NO: 8
161 <211> LENGTH: 10
162 <212> TYPE: PRT
163 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: A synthetic peptide
168 <400> SEQUENCE: 8
169 Ser Glu Val Asn Leu Asp Ala Glu Phe Arg
170 1 5 10
172 <210> SEQ ID NO: 9
173 <211> LENGTH: 4
174 <212> TYPE: PRT
175 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: A synthetic peptide
180 <400> SEQUENCE: 9
181 Asp Glu Val Asp
182 1
184 <210> SEQ ID NO: 10
185 <211> LENGTH: 4
186 <212> TYPE: PRT
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:

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Input Set : A:\Sequence Listing.txt

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190 <223> OTHER INFORMATION: A synthetic peptide
192 <400> SEQUENCE: 10
193 Trp Glu His Asp
194 1
196 <210> SEQ ID NO: 11
197 <211> LENGTH: 4
198 <212> TYPE: PRT
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: A synthetic peptide
204 <400> SEQUENCE: 11
205 Leu Glu His Asp
206 1
208 <210> SEQ ID NO: 12
209 <211> LENGTH: 4
210 <212> TYPE: PRT
211 <213> ORGANISM: Artificial Sequence
213 <220> FEATURE:
214 <223> OTHER INFORMATION: A synthetic peptide
216 <400> SEQUENCE: 12
217 Val Glu Ile Asp
218 1
220 <210> SEQ ID NO: 13
221 <211> LENGTH: 4
222 <212> TYPE: PRT
223 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: A synthetic peptide
228 <400> SEQUENCE: 13
229 Val Glu Val Asp
230 1
232 <210> SEQ ID NO: 14
233 <211> LENGTH: 4
234 <212> TYPE: PRT
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: A synthetic peptide
240 <400> SEQUENCE: 14
241 Val Glu His Asp
242 1
244 <210> SEQ ID NO: 15
245 <211> LENGTH: 4
246 <212> TYPE: PRT
247 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
250 <223> OTHER INFORMATION: A synthetic peptide
252 <400> SEQUENCE: 15
253 Ile Glu Thr Asp
254 1

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Input Set : A:\Sequence Listing.txt

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256 <210> SEQ ID NO: 16
257 <211> LENGTH: 4
258 <212> TYPE: PRT
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: A synthetic peptide
264 <400> SEQUENCE: 16
265 Ala Glu Val Asp
266 1
268 <210> SEQ ID NO: 17
269 <211> LENGTH: 4
270 <212> TYPE: PRT
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: A synthetic peptide
276 <220> FEATURE:
277 <221> NAME/KEY: SITE
278 <222> LOCATION: 3
279 <223> OTHER INFORMATION: Xaa = any amino acid
281 <400> SEQUENCE: 17
W--> 282 Leu Glu Xaa Asp
283 1
285 <210> SEQ ID NO: 18
286 <211> LENGTH: 4
287 <212> TYPE: PRT
288 <213> ORGANISM: Artificial Sequence
290 <220> FEATURE:
291 <223> OTHER INFORMATION: A synthetic peptide
293 <220> FEATURE:
294 <221> NAME/KEY: SITE
295 <222> LOCATION: 3
296 <223> OTHER INFORMATION: Xaa = any amino acid
298 <400> SEQUENCE: 18
W--> 299 Val Glu Xaa Asp
300 1
302 <210> SEQ ID NO: 19
303 <211> LENGTH: 4
304 <212> TYPE: PRT
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: A synthetic peptide
310 <400> SEQUENCE: 19
311 Ile Glu His Asp
312 1
314 <210> SEQ ID NO: 20
315 <211> LENGTH: 4
316 <212> TYPE: PRT
317 <213> ORGANISM: Artificial Sequence
319 <220> FEATURE:

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/762,836

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FYI

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 4,5
Seq#:2; Xaa Pos. 3,5
Seq#:3; Xaa Pos. 1,3,5
Seq#:4; Xaa Pos. 5
Seq#:5; Xaa Pos. 3,5,7
Seq#:6; Xaa Pos. 5
Seq#:7; Xaa Pos. 6,7
Seq#:17; Xaa Pos. 3
Seq#:18; Xaa Pos. 3
Seq#:21; Xaa Pos. 1
Seq#:23; Xaa Pos. 1,2,3

VERIFICATION SUMMARY

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Input Set : A:\Sequence Listing.txt

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L:40 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:57 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:79 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:380 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0